BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Providing Basic Amenities and Procurement of Dustbins in Ward No.08,Kodigenahalli.

Sl. No.	Description of work	Mesurement					Qty	Rate	Amount
		Unit	No	L	B	D			
1	Supplying ,installation ,Commissioning and Testing CP PLUS 2 MP PTZ 1/2.8" 2MP Exmor R CMOS Image sensor Max. 50/60fps@1080P, 25/30/50/60fps@720P,Powerful 25x Optical and 16x Digital zoom WDR(120dB), 3D DNR, Day/Night(ICR), BLC, HLC Up to 300 presets, 8 auto scan, 8 tour, 5 pattern, 8 auto pan IR Range of 150 Mtr. , IP66, Support PoE Plus inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos.	**4**				**4.00**	**82962.00**	**331848.00**
2	Supplying ,installation ,Commissioning and Testing CP PLUS 3 MP 50 meters ip bullet camera,1/3" 3MP PS CMOS Image Sensor,Max 25fps@3MP, 25/30fps@1080P,H.264, H.264H, H.264B , MJPEG dual-codec encoding,DWDR, Day/Night(ICR), 3DNR, ROI, AWB, AGC, BLC, HLC,3.6mm fixed lens (6mm optional),IR Range of 50 Mtrs, IP67, SD Card, PoE,Mobile Software: iCMOB, gCMOB,CMS Software: KVMS Pro, vOptimus Pro inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos.	**75**				**75.00**	**23160.00**	**1737000.00**
3	Supplying ,installation ,Commissioning and Testing CP PLUS 32 Ch. H.265 4K Network Video Recorder Up to 32 channel IP camera input H.265/H.264 dual codec decoding Up to 8Mp resolution preview and playback Max 200Mbps incoming bandwidth Support 4 SATA HDDs up to 24TB, 2 USB(1 USB3.0) HDMI / VGA simultaneous video output Support Multi-brand network cameras ONVIF Version 2.4 conformance Mobile Software: iCMOB, gCMOB inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos.	**5**				**5.00**	**66892.00**	**334460.00**
4	Supplying ,installation ,Commissioning and Testing Netgear ReadyNAS 4-Bay Diskless Network Attached Storage for Personal Cloud by Netgear inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos.	**3**				**3.00**	**257420.00**	**772260.00**
5	Providing and Supplying NAS hard disk drives 6 TB inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos	**6**				**6.00**	**22850.00**	**137100.00**
6	Supplying ,installation ,Commissioning and Testing D-Link 24-Port Gigabit Switch With 4 Combo SFP Ports inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								

		Nos	4				4.00	35300.00	141200.00
7	Supplying ,installation ,Commissioning and Testing D-Link 8-Port Gigabit Switch With 2 Combo SFP Ports inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos	34				34.00	28500.00	969000.00
8	Providing and Supplying CAT6 OUT Door 305 mtr Cable Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos	4				6.00	64250.00	385500.00
9	Providing and Fixing Media converter Giga Dlink inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos	6				6.00	12200.00	73200.00
10	Providing and Fixing OFC cable single mode 6 core inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		meters	8755				8754.85	165.00	1444550.25
11	Providing Cctv MS poles with camera fixing brackets, 5 to 6 mtr height Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos	25				25.00	22500.00	562500.00
12	Providing and Fixing MS Boxes for Poles with rust proof powder coating Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos	25				25.00	9500.00	237500.00
13	Providing and Fixing Electrical work for boxes for power supply, fixing PVC Boards with three pin socktes and switches with protection MCB and cabling to street light electrical poles as per the direction of Engineer in Charge								
		Nos	25				25.00	8500.00	212500.00
14	Providing Internet charges connecting CCTV with IP Based for one month								
		Nos	12				12.00	3500.00	42000.00
15	Providing and Fixing SFP-LX-SM GIGA MODULE Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos	75				75.00	6500.00	487500.00
16	Providing and Fixing Fibre Optic PATCH Chords Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos					25.00	2200.00	55000.00

	Supplying ,installation ,Commissioning and Testing UPS 2 KVA with batteries Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos	1				1.00	65400.00	65400.00
18	Erecting of pole .The pole shall be erected n cement concrete work(1:2:4) including earthwork excavation and refilling of planting depth of the pole to the ground level and the copping CC shall be upto 0.6m above ground level as per IS 2713-7.1 Erection of lightduty pole on footpath a) 7.5m as per IS 410 Sp 5 charges as per the direction of Engineer in Charge								
		Nos	25				25.00	6400.00	160000.00
19	Providing and Fixing HDMI Cables 10 Mtrs inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos	10				10.00	6500.00	65000.00
20	Supplying ,installation ,Commissioning and Testing Video Manager Application Software for Display and Management of Camera on Video Display Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos	3				3.00	32500.00	97500.00
21	Supplying ,installation ,Commissioning and Testing of 43" LED TV - Reputed make Sony/samsung/LG inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos	3				3.00	45000.00	135000.00
22	Supplying ,installation ,Commissioning and Testing Patch cords CAT6 2 Mtr Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos	100				100.00	1200.00	120000.00
23	Supplying ,installation ,Commissioning and Testing Server rack 15u Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos	2				2.00	34500.00	69000.00
24	Maintenance charges for one year for each camera								
		Nos	84				84.00	5500.00	462000.00
25	Supplying ,installation ,Commissioning and Testing of CPU - I 3 Processor - 450MHz, 8GB Ram, 250 Gb Hard Disk Full Core inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos	1				1.00	41564.00	41564.00

29	Supplying of dustbin for collection dry and wet waste for segreation , made up of plastic inclusive of all taxes and transportation charges as per the direction of Engineer in Charge							
		Nos	300				300.00	960.00	288000.00
								Sub Total	8837418.00
								Project management And Consultancy Charges(1% of estimated cost)	88374.18
								KRIDL Charges (11% of estimated cost)	972115.98
								Miscellenious and rounding	2091.84
								TOTAL AMOUNT	9900000.00

[Ninety Nine lakhs Rs only]

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum
4) The estimate is based on Approved rate

Assistant Engineer,
Yelahanka Project Division,
BBMP Bangalore

31/10/2018
Asst. Exec. Engineer
Yelahanka Project Division
BBMP Bangalore

Executive Engineer,
Yelahanka Project Division,
BBMP Bangalore
31/10/18

ADMINISTRATIVELY SANCTIONED FOR Rs 9900000/-
Rupees Ninety Nine lakhs only
Under Job code-008-18-00002424
Registered as EE ( ) 9.....9.....
Subject to conditions contained in enclosed memo EE ( ) No /9/....
Dt JC(Y)RA/AS Estimate A/Sanctioned No 10/18
dated 7/11/2018 Rs 9900000/-

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

Technical Sanction
Accorded For Rs 99.00 Lakhs only
Head of A/C ....P3298 [14th finance]
CER NO :..102/18-19 D:30-11-2018
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